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NOTICE OF ALLOWANCE AND FEE(S) DUE

60840

7590

12/14/2009

MICHAEL, BEST & FRIEDRICH LLP 100 EAST WISCONSIN AVENUE SUITE 3300 MILWAUKEE, WI 53202 EXAMINER

MULLER, BRYAN R

ART UNIT PAPER NUMBER

3727

DATE MAILED: 12/14/2009

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/537.382	11/14/2005	Andrew David Boddy	025819-9040	5012

TITLE OF INVENTION: HEAD FOR A SUCTION CLEANER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	03/15/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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MILWAUKEE, V	WI 53202						(Depositor's name)
							(Signature)
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APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	2	ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/537,382	11/14/2005		Andrew David Boddy			025819-9040	5012
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nonprovisional	NO	\$1510	\$300	\$0		\$1810	03/15/2010
EXAMI	NER	ART UNIT	CLASS-SUBCLASS				
MULLER, B	BRYAN R	3727	015-415100				
PTO/SB/47; Rev 03-02 Number is required. ASSIGNEE NAME AN PLEASE NOTE: Unle- recordation as set forth	ation (or "Fee Address' or more recent) attach D RESIDENCE DATA ss an assignee is identi in 37 CFR 3.11. Comp	' Indication form ed. Use of a Customer A TO BE PRINTED ON T		vely, le firm (having as a agent) and the namorneys or agents. If a printed. pe) patent. If an assigner assignment.	membes of uno name	p to le is 3dentified below, the do	ocument has been filed for
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Change in Entity Statu a. Applicant claims	,	· · · · · · · · · · · · · · · · · · ·	☐ b. Applicant is no lor	nger claiming SMAI	L EN	ΓΙΤΥ status. See 37 CF	FR 1.27(g)(2).
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10/537,382	11/14/2005	Andrew David Boddy	025819-9040	5012		
60840 75	60840 7590 12/14/2009			EXAMINER		
MICHAEL, BES	T & FRIEDRICH LI	MULLER, BRYAN R				
100 EAST WISCO	NSIN AVENUE	ART UNIT	PAPER NUMBER			
SUITE 3300 MILWAUKEE, W	I 53202		3727 DATE MAIL ED: 12/14/200	0		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 218 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 218 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 (571)-272-4200.

	Application No.	Applicant(s)	
	10/537,382	BODDY ET AL.	
Notice of Allowability	Examiner	Art Unit	
	BRYAN R. MULLER	3727	
The MAILING DATE of this communication appeal claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIP of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate community. This application is suggested and MPEP 1308.	this application. If not included nication will be mailed in due co	ourse. THIS
1. This communication is responsive to <u>Amendments filed 11.</u>			
2. X The allowed claim(s) is/are <u>1,4-6,8-14,16-19,21-26 and 31</u>	<u>-33</u> .		
3. Acknowledgment is made of a claim for foreign priority una) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. ☐ A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must (a) ☐ including changes required by the Notice of Draftspers 1) ☐ hereto or 2) ☐ to Paper No./Mail Date (b) ☐ including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1 each sheet Paplacement sheets) should be labeled as such in the context sheet application number (see 37 CFR 1 each sheet Paplacement sheet(s) should be labeled as such in the context sheet(s) should be labeled as such in the context sheet(s) should be labeled as such in the context sheet(s) should be labeled as such in the context sheet(s) should be labeled as such in the context sheet(s) should be labeled as such in the context sheet(s) should be labeled as such in the context sheet(s) should be labeled as such in the context sheet(s) should be labeled as such in the context sheet(s) should be labeled as such in the context sheet(s) should be labeled as such in the context sheet(s) should be labeled as such in the context sheet(s) should be labeled as such in the context sheet(s) should be labeled as such in the context sheet(s) should be labeled as such in the context sheet(s) should be labeled as such in the context sheet(s) should be labeled as such in the context sheet(s) should be labeled as such in the context sheet(s) should be labeled as such in the context sheet(s) should be labeled as such in the	e been received. e been received in Application cuments have been received of this communication to file MENT of this application. iitted. Note the attached EXA es reason(s) why the oath or st be submitted. son's Patent Drawing Review as Amendment / Comment or .84(c)) should be written on th	in No in this national stage application this national stage application are ply complying with the requirement of the stage application are ply complying with the requirement of the stage application are placed as a stage application a	irements TICE OF
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Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview Su Paper No./N 7. ☑ Examiner's A	ormal Patent Application mmary (PTO-413), Mail Date Amendment/Comment Statement of Reasons for Allow	ance

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EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

- 2. Authorization for this examiner's amendment was given in a telephone interview with Thomas Otterlee on 11/23/2009.
- 3. The application has been amended as follows:
 - a. The word "directly" has been added between the words "positioned" and "above" in line 13 of claim 1 and line 12 in claim 31.
 - b. The phrase "without necessitating movement of the drive mechanism" has been added after the word "portion" (last word in claim) in line 14 of claim 1.
 - c. The word "directly" has been added after the word "is" at the end of line 9 in claim 31.
 - d. The phrase "without necessitating movement of the drive mechanism" has been added after the word "belt" (last word in claim) in line 13 of claim 31.
 - e. Claim 29 has been restricted (as discussed below) and is hereby cancelled.
- 4. The following is an examiner's statement of reasons for allowance: the prior art of record (considered as a whole) neither anticipates nor renders obvious a head for a suction cleaner with a housing, a rotatably mounted tool element within the housing and

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a drive element with a drive mechanism, the drive mechanism including a drive belt that does not pass around the tool element and the external surface of the drive belt directly engages the tool element to drive the tool element, wherein no portion of the drive mechanism is positioned directly above the tool element to allow the tool element to be removed from the housing in an upward direction without needing to move the drive mechanism in combination with the rest of the limitations set forth in the independent claims. Although there are several prior art invention having a rotatable tool element in a vacuum head that is driven by an external surface of a drive belt, all of the prior art references have at least a portion of the drive belt extending directly over the tool element such that the tool element is not removable without requiring some movement of the drive belt or other parts of the drive mechanism.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Election/Restrictions

5. This application contains claims directed to the following patentably distinct species: Species 1 is represented by Figures 9-13 and Species 2 is represented by Figure 7. The species are independent or distinct because claims to the different species recite the mutually exclusive characteristics of such species. In addition, these species are not obvious variants of each other based on the current record.

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Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, no claims are considered to be generic.

There is an examination and search burden for these patentably distinct species due to their mutually exclusive characteristics. The species require a different field of search (e.g., searching different classes/subclasses or electronic resources, or employing different search queries); and/or the prior art applicable to one species would not likely be applicable to another species; and/or the species are likely to raise different non-prior art issues under 35 U.S.C. 101 and/or 35 U.S.C. 112, first paragraph.

Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species to be examined even though the requirement may be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected species, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

The election of the species may be made with or without traverse. To preserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the election of species requirement, the election shall be treated as an election without traverse. Traversal must be presented at the time of election in order to be considered timely. Failure to timely traverse the requirement will result in the loss of right to petition under 37 CFR 1.144. If claims are

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added after the election, applicant must indicate which of these claims are readable on the elected species.

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the species unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other species.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which depend from or otherwise require all the limitations of an allowable generic claim as provided by 37 CFR 1.141.

- 6. During a telephone conversation with Thomas Otterlee on 11/23/2009 a provisional election was made without traverse to prosecute the invention of Species 1, claims 1, 4-6, 8-14, 16-19, 21-26 and 31-33. Affirmation of this election must be made by applicant in replying to this Office action. Claim 29 is hereby withdrawn from further consideration (and cancelled in order to allow the pending claims reading on elected species 1) by the examiner, 37 CFR 1.142(b), as being drawn to a non-elected invention.
- 7. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim

remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to BRYAN R. MULLER whose telephone number is (571)272-4489. The examiner can normally be reached on Monday thru Friday 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Monica S. Carter can be reached on (571) 272-4475. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.